

# PRINTER RUSH

(PTO ASSISTANCE)

Application : 09/870338 Examiner : Vogel GAU : 1636  
From : FF Location : IDC FMF FDC Date : 1-25-06

Tracking # : EPM - Week Date : 9-9-05  
09/870338

DOC CODE	DOC DATE	MISCELLANEOUS
<input checked="" type="checkbox"/> 1449	<u>5-21-03</u>	<input type="checkbox"/> Continuing Data
<input type="checkbox"/> IDS	<u>3rd page</u>	<input type="checkbox"/> Foreign Priority
<input type="checkbox"/> CLM		<input type="checkbox"/> Document Legibility
<input type="checkbox"/> IIFW		<input type="checkbox"/> Fees
<input type="checkbox"/> SRFW		<input type="checkbox"/> Other
<input type="checkbox"/> DRW		
<input type="checkbox"/> OATH		
<input type="checkbox"/> 312		
<input type="checkbox"/> SPEC		

[RUSH] MESSAGE: PLEASE provide a more  
clearer copy of other references  
as illegible.

THANK YOU

[XRUSH] RESPONSE:

See Misc. Comm.

Dave

INITIALS: JD

NOTE: This form will be included as part of the official USPTO record, with the Response document coded as XRUSH.

REV 10/04



CORPORATE HEADQUARTERS  
PATENT LAW DEPARTMENT  
ONE JOHNSON & JOHNSON PLAZA  
NEW BRUNSWICK, NEW JERSEY 08933

**FACSIMILE TRANSMISSION COVER SHEET**

TO: Commissioner for Patents  
Attn: Rori Burch, Publishing Division

FACSIMILE NUMBER: (571) 273-9009

FROM: Laura A. Donnelly  
Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933-7003  
Tel: (732) 524-1729

J&J FACSIMILE NUMBER: (732) 524-2808

DATE: February 9, 2006

NUMBER OF PAGES (including cover sheet): 5

COMMENTS: Documents Transmitted:  
1. Response to Notice to File Corrected Application Papers;  
2. Copy of page 3 of PTO 1449 form originally mailed to the PTO on 1/24/02; and  
3. Copy of Notice to File Corrected Application Papers.

Applicants:	Zhang et al.	Art Unit:	1636
Serial No.:	09/870,338	Examiner:	Nancy S. Vogel
Filed:	May 30, 2001	Conf. No.:	7714
For:	NEUROBLASTOMA CELL LINES EXPRESSING THE ALPHA2DELTA SUBUNIT OF CALCIUM CHANNELS AND METHODS THEREFOR		
Docket No.:	ORT-1440		

I hereby certify that this communication is being transmitted by facsimile to the Commissioner for Patents on the date shown below.

Printed Name: Laura A. Donnelly

Signature: 

Date: February 9, 2006

IF THERE IS A PROBLEM WITH THIS TRANSMISSION, PLEASE CALL  
(732) 524-1760

**IMPORTANT:** This fax contains information which is confidential and may be subject to legal privilege. If you are not the intended recipient, you must not read, use, disseminate, distribute or copy this fax. If you have received this fax in error, please inform us immediately by return fax or by phone and delete this fax. Thank you.

DOCKET NO. ORT-1440

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Zhang et al.

Art Unit: 1636

Serial No.: 09/870,338

Examiner: Nancy S. Vogel

Filed : May 30, 2001

Conf. No.: 7714

For : NEUROBLASTOMA CELL LINES EXPRESSING THE ALPHA2DELTA SUBUNIT OF  
CALCIUM CHANNELS AND METHODS THEREFOR

I hereby certify that this correspondence is being filed with the  
United States Patent Office via facsimile on:

February 9, 2006  
(Date of deposit)

Laura A. Donnelly  
(Name of applicant, assignee, or Registered Representative)

  
(Signature)

February 9, 2006  
(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

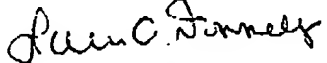
RESPONSE TO NOTICE TO FILE CORRECTED APPLICATION PAPERS

Sir:

In response to the Notice to File Corrected Application Papers dated February 3, 2006 ("Notice") and my assistant, Kristine Kingsbury's, subsequent telephone conversation with Rori Burch of the Publishing Division of the United States Patent & Trademark Office ("USPTO"), applicants herewith resubmit page 3 of 3 of the PTO 1449 form originally mailed to the USPTO on January 24, 2002 in connection with the above-identified patent application. As required, a copy of the Notice is also attached.

Please charge any fees which may be required for this response to Johnson & Johnson Deposit Account No. 10-0750/ORT-1440/LAD.

Respectfully submitted,

  
Laura A. Donnelly  
Attorney for Applicants  
Reg. No. 38,435

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933-7003  
(732) 524-1729  
Dated: February 9, 2006

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0851-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/APTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 3

Application Number	09/870,338
Filing Date	May 30, 2001
First Named Inventor	ZHANG, et al
Group Art Unit	1636
Examiner Name	
Attorney Docket Number	ORT-1440

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner's Initials*	Cite No.†	Include name of the author (in CAPITOL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	15	HOGG, J.E., et al "The human neuroblastoma cell line, IMR-32, expresses functional corticotropin-releasing factor receptors", European Journal of Pharmacology 1996 Vol. 312:257-261	
	16	KURATA, S., et al., "Human neuroblastoma cells produce the NF- $\kappa$ B like HIV-1 transcription activator during differentiation," Federation of European Biochemical Societies 1993 Vol. 321:201-204	
	17	LAIRD, M. A., et al. "Use of Gabapentin in the Treatment of Neuropathic Pain", The Annals of Pharmacotherapy 2000 Vol. 34:802-807	
	18	MARAI, E., et al. "Calcium Channel $\alpha$ 2 $\delta$ Subunits - Structure and Gabapentin Binding", Molecular Pharmacology 2001 Vol. 59:1243-1248	
	19	McENERY, M.W., et al. "31B subunit of voltage-dependent Ca <sup>2+</sup> -channels is predominant isoform expressed in human neuroblastoma cell line IMR32", FEBS letters 1997 Vol. 420:74-78	
	20	ROWBOTHAM, M., et al, "Gabapentin for the Treatment of Postherpetic Neuralgia", JAMA 1998 Vol. 280:1837-1842	
	21	SHISTIK, E., et al., "Ca <sup>2+</sup> current enhancement by $\alpha$ 2 $\delta$ and $\beta$ subunits in Xenopus oocytes: contribution of changes in channel gating and $\alpha$ 1 protein level", Journal of Physiology 1995 Vol. 489:55-62	
	22	STEFANI, A., et al. "Gabapentin inhibits calcium currents in isolated rat brain neurons", Neuropharmacology 1998 Vol. 37:83-91	
	23	THURLOW, R.J., et al. "(3H) Gabapentin may label a system-L-like neutral amino acid carrier in brain", European Journal of Pharmacology, 1993 Vol. 247:341-345	
	24	THURLOW, R.J., et al "Comparison of the autoradiographic binding distribution of (3H)-gabapentin with excitatory amino acid receptor and amino acid uptake site distributions in rat brain", British Journal of Pharmacology 1996 Vol. 118:457-465	
	25	WALKER, D., et al. "Subunit interaction sites in voltage-dependent Ca <sup>2+</sup> channels: role in channel function", Trends Neuroscience 1998 Vol. 21:148-154	
	26	WANG, M., et al. "Structural requirement of the calcium-channel subunit $\alpha$ 2 $\delta$ for gabapentin binding", Biochem J. 1999 Vol. 342:313-320	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231.  
DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231



## UNITED STATES PATENT AND TRADEMARK OFFICE

**COPY**  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/870,338	05/30/2001	Sui-Po Zhang	ORT-1440	7714
27717	7390	02/03/2006	EXAMINER	
PHILIP S. JOHNSON JOHNSON & JOHNSON ONE JOHNSON & JOHNSON PLAZA NEW BRUNSWICK, NJ 08933-7003			VOGEL, NANCY S	
			ART UNIT	PAPER NUMBER
			1636	

DATE MAILED: 02/03/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

RECEIVED  
 FEB 06 2006  
 I&J PAT. DKT. SECTION

PTO-90C (Rev. 10/03)

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**COPY**

Serial Number  
09870338

Date Mailed  
2/3/06

**NOTICE TO FILE CORRECTED APPLICATION PAPERS*****Notice of Allowance Mailed***

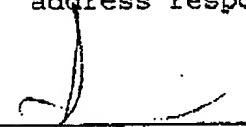
This application has been accorded an Allowance Date and is being prepared for issuance. The application, however, is incomplete for the reasons below.

Applicant is given 30 days from the mail date of this Notice within which to correct the informalities indicated below. A failure to reply will result in the application being ABANDONED. This period for reply is NOT extendable under 37 CFR 1.136 (a) or (b).

- ♦ PTO 1449 form- Please provide a clearer copy of other references for this application. Fax missing information to number below or e-mail.
- For status updates visit <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR System, contact the Electronic Business Center (EBC) toll free at 866-217-9197.

**APPLICANT MUST SUPPLY MISSING INFORMATION WITHIN 30 DAYS OF THE MAIL DATE OF THIS NOTICE.**

A copy of this notice MUST be returned with the reply. Please address response to Commissioner for Patents P.O. Box 1450  
Alexandria, VA 22313-1450

  
Tajuanna Mills for Rori Burch  
USPTO  
Publishing Division  
Rori.burch@uspto.gov  
Fax (571) 273-9009 -  
Fax (703) 308-6642 -  
703-305-0333 ext.135 (V)